

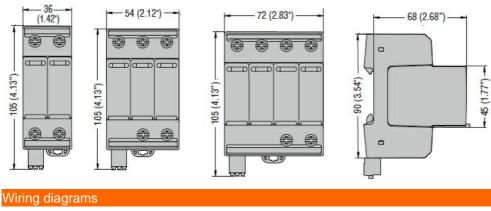


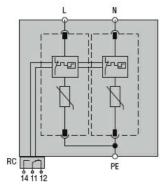
Product designation			Surge Protection Device (SPD)
Product type designation			SG2
Operating voltage type			AC
Application			AC Power lines
Number of poles			2P
Number of DIN modules			2
Relay output			Yes
SPD according to IEC/EN 61643-11			YES
Electrical features			120
IEC Maximum continuous voltage Uc		V	300
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)		kA	50
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	20
IEC Voltage protection level Up (L-N/N-PE)		kV	<1.5
IEC Follow current If (N-PE) rms		A	No
Tripping time ta (L-N/N-PE)		ns	<25
Thermal insulation protection		115	YES
IEC Backup protection fuse with supply fuse >315A (L-N/N-PE)		Class/A	315A / 250A Gg 25 / 50
IEC Maximum short circuit current at 50Hz		kA	
Status indicator - operating / end of life			Frontal indication/Aux
Status indicator - operating / end of me			contact
Ambient conditions			contact
Operating temperature			
	min	°C	-40
	max	°C	+85
Max altitude	Пал	 	2000
Mechanical features		111	2000
Fixing			Din rail
Conductor section Flexible max (IEC)		mm²	25
			35
Conductor section Rigid max (IEC)		mm²	
Weight		g	266
Relay output for remote status indication			
Rated current at			
	125V AC	A	1
	250V AC	A	1
		Λ	0.5
	12V DC	A	
	24V DC	А	0.5
Dimensions			



## **SG22PA300R** SURGE PROTECTION DEVICE TYPE 2 WITH PLUG-IN CARTRIDGE, RATED DISCHARGE CURRENT IN (8/20MS) 20KA PER POLE, 2P. WITH REMOTE CONTACT

ENERGY AND AUTOMATION





## Certifications and compliance

## Compliance

	IEC/EN 61643-11	
Certificates		
	EAC	
ETIM classification		
		EC000941 -
		EC000941 -

ETIM 8.0

Surge protection device for power supply systems

SG22PA300R